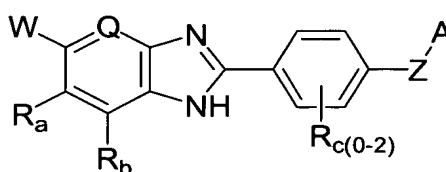


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A compound of formula (I):



wherein

W is -COOH, or -(CO)NH₂, or -(SO₂)NH₂;

Q is N or CH;

R_a and R_b are independently selected from -H and halogen;

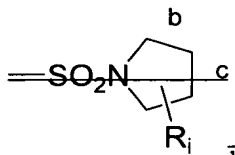
R_c is absent or is independently selected from the group consisting of -OH, -CF₃, -C₁₋₄alkyl, -OC₁₋₄alkyl, -NO₂ and halo;

Z is selected from the group consisting of

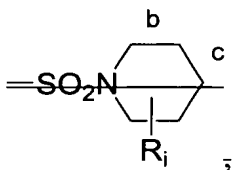
a) >C=O, >C=CHR_f, >CR_dR_g, >CF₂, >CR_dOR_e, >C(OR_d)OR_e;

b) >C(R_d)NR_dR_g;

c) >SO₂NR_dC(R_h)₂;



where A is fused at the b or c faces, at a face of A which contains two carbon atoms, which is saturated or unsaturated,



where A is fused at the b or c faces, at a face of A which contains two carbon atoms, which is saturated or unsaturated,

d) $>NC_{1-4}alkyl$, where the alkyl is optionally substituted with a substituent selected from the group consisting of NH_2 , $NHC_{1-4}alkyl$, $N(C_{1-4}alkyl)_2$, $CONH_2$, $CONHC_{1-4}alkyl$, $CON(C_{1-4}alkyl)_2$, $COOH$, $COOC_{1-4}alkyl$, OH and $OC_{1-4}alkyl$;

R_d is independently selected from the group consisting of H and $C_{1-4}alkyl$;

R_e is independently selected from the group consisting of H and optionally mono or di-substituted $C_{1-4}alkyl$, where the substituent is independently selected from the group consisting of NH_2 , $NHC_{1-4}alkyl$, $N(C_{1-4}alkyl)_2$, $CONH_2$, $CONHC_{1-4}alkyl$, $CON(C_{1-4}alkyl)_2$, $COOH$, $COOC_{1-4}alkyl$, CN , OH and $OC_{1-4}alkyl$;

alternatively, R_d and R_e may be taken together with their atoms of attachment to form a 5 to 8 membered heterocyclic ring, with the heterocyclic ring having 0 or 1 unsaturated bonds, having 0, 1 or 2 carbon members which is a carbonyl, having 0 or 1 additional heteroatom members separated from an atom of attachment by at least one carbon member and selected from O , S , $N=$, $>NH$ or $>NC_{1-4}alkyl$ and having a maximum of two heteroatom ring members;

R_f is independently selected from the group consisting of H , $CONH_2$, $CONHC_{1-4}alkyl$, $CON(C_{1-4}alkyl)_2$, $COOH$, $COOC_{1-4}alkyl$ and optionally mono or di-substituted $C_{1-4}alkyl$, where the substituent is independently selected from the group consisting of NH_2 , $NHC_{1-4}alkyl$, $N(C_{1-4}alkyl)_2$, $CONH_2$, $CONHC_{1-4}alkyl$, $CON(C_{1-4}alkyl)_2$, $COOH$, $COOC_{1-4}alkyl$, CN , OH and $OC_{1-4}alkyl$;

R_g is independently selected from the group consisting of H and optionally mono or di-substituted $C_{1-4}alkyl$, where the substituent is independently selected from the group consisting of NH_2 , $NHC_{1-4}alkyl$, $N(C_{1-4}alkyl)_2$, $CONH_2$, $CONHC_{1-4}alkyl$, $CON(C_{1-4}alkyl)_2$, $COOH$, $COOC_{1-4}alkyl$, CN , OH and $OC_{1-4}alkyl$;

~~alternatively, R_d and R_g may be taken together with their nitrogen of common attachment to form a 5 to 8 membered heterocyclic ring, with the heterocyclic ring having 0 or 1 unsaturated bonds, having 0, 1 or 2 carbon members which is a carbonyl and having 0 or 1 additional heteroatom members separated from the atom of common attachment by at least one carbon member and selected from O, S, N=, >NH or >NC₁₋₄alkyl;~~

~~R_h is independently selected from the group consisting of H, and optionally mono or di-substituted C₁₋₄alkyl, where the substituent is independently selected from the group consisting of NH₂, NHC₁₋₄alkyl, N(C₁₋₄alkyl)₂, CN, OH and OC₁₋₄alkyl; or, alternatively, R_h is CH₂CH₂ or CH₂CH₂CH₂, optionally substituted with R_i, which is bonded to a carbon of A adjacent to the carbon of Z attachment, forming a five or six membered carbocyclic ring;~~

~~R_i is independently selected from the group consisting of H, OH, OC₁₋₄alkyl and optionally mono or di-substituted C₁₋₄alkyl, where the substituent is independently selected from the group consisting of NH₂, NHC₁₋₄alkyl, N(C₁₋₄alkyl)₂, CONH₂, CONHC₁₋₄alkyl, CON(C₁₋₄alkyl)₂, COOH, COOC₁₋₄alkyl, CN, OH and OC₁₋₄alkyl;~~

~~A is selected from the group consisting of:~~

~~a) phenyl, optionally mono-, di- or tri-substituted with R_p;~~

~~R_p is selected from the group consisting of -OH, -C₁₋₆alkyl, -OC₁₋₆alkyl, -C₃₋₆cycloalkyl, -OC₃₋₆cycloalkyl, -CN, -NO₂, -N(R_y)R_z (wherein R_y and R_z are independently selected from -H or -C₁₋₆alkyl, or may be taken together with the nitrogen of attachment to form an otherwise aliphatic hydrocarbon ring, said ring having 5 to 7 members, optionally having one carbon replaced with >O, =N-, >NH or >N(C₁₋₄alkyl) and optionally having one or two unsaturated bonds in the ring), -(C=O)N(R_y)R_z, -(N-R_i)COR_t (wherein R_t is independently -H or -C₁₋₆alkyl), -(N-R_i)SO₂C₁₋₆alkyl, -(C=O)C₁₋₆alkyl, -(S(=O)_n)-C₁₋₆alkyl (wherein n is selected from 0, 1 or 2), -SO₂N(R_y)R_z, -SCF₃, halo, -CF₃, -OCF₃, -COOH, -C₁₋₆alkylCOOH, -COOC₁₋₆alkyl and -C₁₋₆alkylCOOC₁₋₆alkyl;~~

- b) ~~phenyl, attached at two adjacent ring members to a C₃₋₅alkyl moiety to form a fused 5 to 7 membered ring, said fused ring optionally having a second unsaturated bond, said fused ring optionally having one or two members replaced with =N-, >O-, >NH or >N(C₁₋₄alkyl) except that no such replacement is permitted where the fused ring is 5 membered and has a second unsaturated bond, and said fused ring optionally having one carbon member replaced with >C=O, the fused rings optionally mono-, di- or tri-substituted with R_p;~~
- e) ~~a monocyclic aromatic hydrocarbon group having six ring carbon atoms, having a carbon atom which is the point of attachment, having one or two carbon atoms replaced by N, and optionally mono- or di-substituted with R_p;~~
- d) ~~a monocyclic aromatic hydrocarbon group having six ring carbon atoms, having a carbon atom which is the point of attachment, having zero, one or two carbon atoms replaced by N, and having attachment at two adjacent carbon ring members to a three membered hydrocarbon moiety to form a fused five membered aromatic ring, which moiety has one carbon atom replaced by >O-, >S-, >NH or >N(C₁₋₄alkyl) and which moiety has up to one additional carbon atom optionally replaced by N, the fused rings optionally mono-, di- or tri-substituted with R_p;~~
- e) ~~a monocyclic aromatic hydrocarbon group having six ring carbon atoms, having a carbon atom which is the point of attachment, having zero, one or two carbon atoms replaced by N, and having attachment at two adjacent carbon ring members to a four membered hydrocarbon moiety to form a fused six membered aromatic ring, which moiety has zero, one or two carbon atoms replaced by N, the fused rings optionally mono-, di- or tri-substituted with R_p;~~
- f) ~~a monocyclic aromatic hydrocarbon group having five ring carbon atoms, having a carbon atom which is the point of attachment, having one carbon atom replaced by >O-, >S-, >NH or >N(C₁₋₄alkyl), having up~~

~~to one additional carbon atom optionally replaced by N, and optionally mono- or di-substituted with R_p;~~

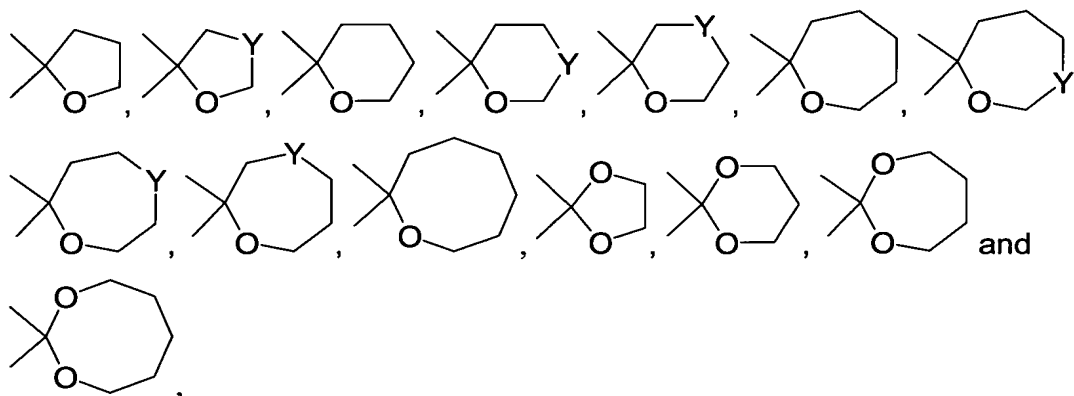
- ~~g) a monocyclic aromatic hydrocarbon group having five ring carbon atoms, having a carbon atom which is the point of attachment, having one carbon atom replaced by >O, >S, >NH or >N(C₁₋₄alkyl), and having attachment at two adjacent carbon ring members to a four membered hydrocarbon moiety to form a fused six membered aromatic ring, which moiety has zero, one or two carbon atoms replaced by N, the fused rings optionally mono-, di- or tri-substituted with R_p;~~
- ~~h) a 4-7 membered aliphatic or heterocyclic ring said heterocyclic ring having a carbon atom which is the point of attachment, having 0 or 1 heteroatom members selected from O, S, N=, >NH or >NR_p, having 0, 1 or 2 unsaturated bonds, having 0, 1 or 2 carbon members which is a carbonyl and having 0, 1 or 2 substituents R_p;~~
- ~~i) a benzo fused 4-7 membered aliphatic or heterocyclic ring said heterocyclic ring having a carbon atom which is the point of attachment, having 0 or 1 additional heteroatom members selected from O, S, N=, >NH or >NR_p, having 0 or 1 additional unsaturated bonds, having 0, 1 or 2 carbon members which is a carbonyl, having 0, 1, 2, or 3 halo substituents on the benzene ring only and having 0, 1 or 2 substituents R_p;~~

and enantiomers, diastereomers and pharmaceutically acceptable salts, esters or amides thereof.

2. (original) The compound of claim 1 wherein W is -(CO)NH₂.
3. (original) The compound of claim 1 wherein Q is CH.
4. (original) The compound of claim 1 wherein R_a and R_b are -H, -Cl or -F.
5. (original) The compound of claim 1 wherein R_a is -H and R_b is -Cl or -F.

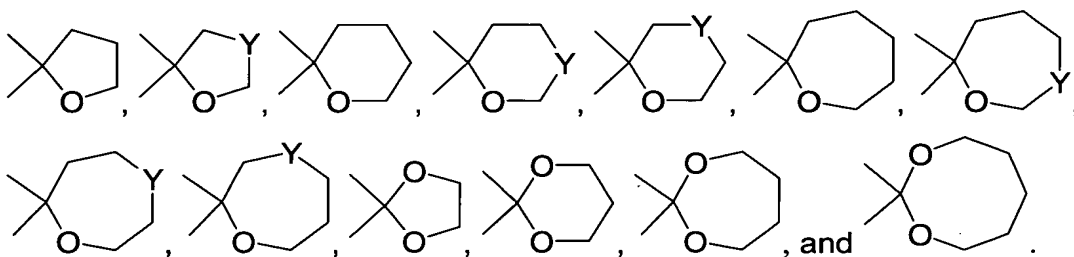
6. (original) The compound of claim 1 wherein R_a and R_b are -H.
7. (original) The compound of claim 1 wherein R_c is absent or is selected from the group consisting of -OH, -CH₃, -CH₂CH₃, -F, -Cl, -Br, -I, -CF₃ and -OCH₃.
8. (original) The compound of claim 1 wherein R_c is selected from the group consisting of -F, -Cl, -CH₃ and -OCH₃.
9. (original) The compound of claim 1 wherein R_c is absent.
10. (canceled) The compound of claim 1 wherein R_d is selected from the group consisting of -H, -CH₃, -CH₂CH₃, -CH₂CH₂CH₃, -CH(CH₃)₂, -CH₂CH₂CH₂CH₃, -CH(CH₃)CH₂CH₃ and -C(CH₃)₃.
11. (canceled) The compound of claim 1 wherein R_d is selected from the group consisting of -H, -CH₃ and -CH₂CH₃.
12. (canceled) The compound of claim 1 wherein R_e is selected from the group consisting of -H, -CH₃, -CH₂CH₃, -CH₂CH₂CH₃, -CH(CH₃)₂, -CH₂CH₂CH₂CH₃, -CH(CH₃)CH₂CH₃ and -C(CH₃)₃, where the alkyl members are optionally mono- or di-substituted.
13. (canceled) The compound of claim 1 wherein R_e is selected from the group consisting of -H, -CH₃ and -CH₂CH₃, where the alkyl members are optionally mono- or di-substituted.
14. (canceled) The compound of claim 1 wherein R_e is -H or -CH₃.

15. (canceled) The compound of claim 1 wherein R_d and R_e taken together with their atoms of attachment form a heterocyclic ring selected from the group consisting of



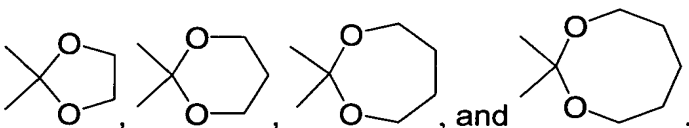
said heterocyclic ring having 0 or 1 unsaturated bonds and having 0, 1 or 2 carbon members which is a carbonyl, where Y is selected from O, S, -N=, >NH or >NC₁₋₄alkyl.

16. (canceled) The compound of claim 1 wherein R_d and R_e taken together with their atoms of attachment form a heterocyclic ring selected from the group consisting of

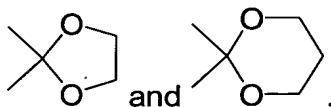


where Y is selected from O, >NH or >NC₁₋₄alkyl.

17. (canceled) The compound of claim 1 wherein R_d and R_e taken together with their atoms of attachment form a heterocyclic ring selected from the group consisting of



18. (canceled) The compound of claim 1 wherein R_d and R_e taken together with their atoms of attachment form a heterocyclic ring selected from the group consisting of



19. (canceled) The compound of claim 1 wherein R_f is selected from the group consisting of -H, -CONH₂, -CONHCH₃, -CONHCH₂CH₃, -CON(CH₃)₂, -CON(CH₂CH₃)₂, -COOH, -COOCH₃, -COOCH₂CH₃, -CH₃, -CH₂CH₃, -CH₂CH₂CH₃, -CH(CH₃)₂, -CH₂CH₂CH₂CH₃, -CH(CH₃)CH₂CH₃ and -C(CH₃)₃, where the alkyl members are optionally mono- or di-substituted.

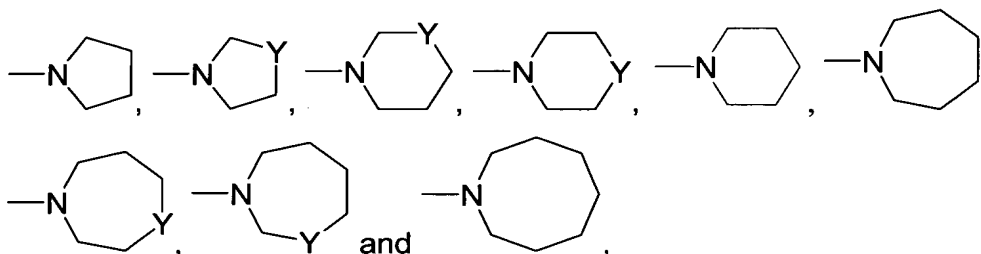
20. (canceled) The compound of claim 1 wherein R_f is selected from the group consisting of -H, -CONH₂, -CONHCH₃, -CON(CH₃)₂, -COOH, -COOCH₃, -CH₃ and -CH₂CH₃, where the alkyl members are optionally mono- or di-substituted.

21. (canceled) The compound of claim 1 wherein R_f is selected from the group consisting of -H and -CH₃.

22. (canceled) The compound of claim 1 wherein R_g is selected from the group consisting of -H, -CH₃, -CH₂CH₃, -CH₂CH₂CH₃, -CH(CH₃)₂, -CH₂CH₂CH₂CH₃, -CH(CH₃)CH₂CH₃ and -C(CH₃)₃, where the alkyl moieties are optionally mono- or di-substituted.

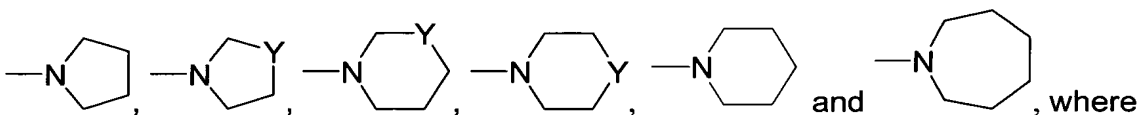
23. (canceled) The compound of claim 1 wherein R_g is selected from the group consisting of -H, -CH₃ and -CH₂CH₃ where the alkyl members are optionally mono- or di-substituted.

24. (canceled) The compound of claim 1 wherein R_d and R_g taken together with their nitrogen of attachment to form a heterocyclic ring are selected from the group consisting of



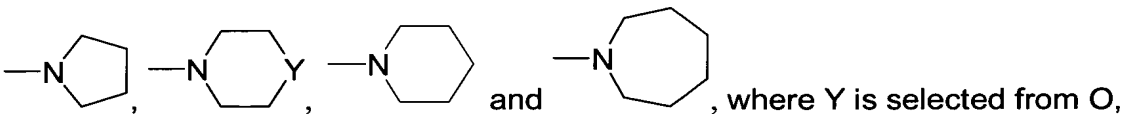
the heterocyclic ring having 0 or 1 unsaturated bonds and having 0, 1 or 2 carbon members which is a carbonyl, where Y is selected from O, S, -N=, >NH or >NC₁₋₄alkyl.

25. (canceled) The compound of claim 1 wherein R_d and R_g taken together with their atoms of attachment to form a heterocyclic ring are selected from the group consisting of



Y is selected from O, S, >NH or >NC₁₋₄alkyl.

26. (canceled) The compound of claim 1 wherein R_d and R_g taken together with their atoms of attachment to form a heterocyclic ring are selected from the group consisting of



where Y is selected from O, S, >NH or >NC₁₋₄alkyl.

27. (canceled) The compound of claim 1 wherein R_h is selected from the group consisting of -H, -CONH₂, -CONHCH₃, -CONHCH₂CH₃, -CON(CH₃)₂, -CON(CH₂CH₃)₂, -COOH, -COOCH₃, -COOCH₂CH₃, -CH₃, -CH₂CH₃,

-CH₂CH₂CH₃, -CH(CH₃)₂, -CH₂CH₂CH₂CH₃, -CH(CH₃)CH₂CH₃ and -C(CH₃)₃, where the alkyl members are optionally mono- or di-substituted.

28. (canceled) The compound of claim 1 wherein R_h is selected from the group consisting of -H, -CONH₂, -CONHCH₃, -CON(CH₃)₂, -COOH, -COOCH₃, -CH₃ and -CH₂CH₃, where the alkyl members are optionally mono- or di-substituted.

29. (canceled) The compound of claim 1 wherein R_h is selected from the group consisting of -H, -CH₃ and -CH₂CH₃.

30. (canceled) The compound of claim 1 wherein R_h is -CH₂CH₂- or -CH₂CH₂CH₂-, which is bonded to a carbon of A adjacent to the carbon of Z attachment, forming a five- or six-membered carbocyclic ring.

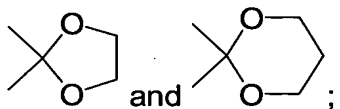
31. (canceled) The compound of claim 1 wherein R_h is -CH₂CH₂- or -CH₂CH₂CH₂-, which taken together with A forms indanyl or 1,2,3,4-tetrahydronaphthalenyl.

32. (canceled) The compound of claim 1 wherein R_i is selected from the group consisting of -H, -OH, -OCH₃, -OCH₂CH₃, -OCH₂CH₂CH₃, -CH₃, -CH₂CH₃, -CH₂CH₂CH₃, -CH(CH₃)₂, -CH₂CH₂CH₂CH₃, -CH(CH₃)CH₂CH₃ and -C(CH₃)₃, where the directly attached alkyl members are optionally mono- or di-substituted.

33. (canceled) The compound of claim 1 wherein R_i is selected from the group consisting of -H, -OH, -OCH₃, -CH₃ and -CH₂CH₃, where the directly attached alkyl members are optionally mono- or di-substituted.

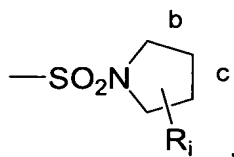
34. (canceled) The compound of claim 1 wherein Z is selected from the group consisting of

a) >C=O, >C=CH₂, >CH₂, >CHC₁₋₄alkyl, >CF₂, >CHOH, >CHOC₁₋₄alkyl,

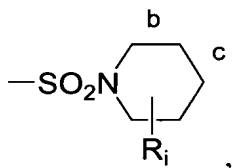


b) $>\text{CHNR}_d\text{R}_g$,

c) $-\text{SO}_2\text{NR}_d\text{CH}(\text{R}_h)-$,



where A is fused at the c face, at a face of A which contains two carbon atoms, which is saturated or unsaturated,

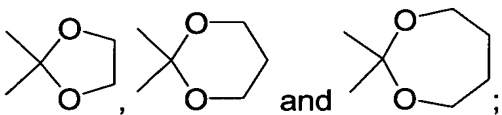


where A is fused at the c face, at a face of A which contains two carbon atoms, which is saturated or unsaturated,

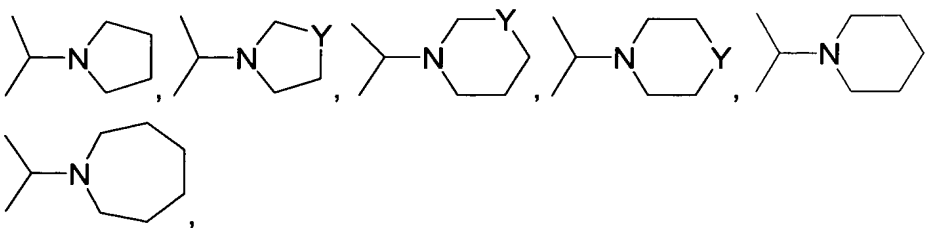
d) $>\text{NCH}_3$, $>\text{NCH}_2\text{CH}_3$, $>\text{NCH}_2\text{CH}_2\text{CH}_3$, $>\text{NCH}(\text{CH}_3)_2$, $>\text{NCH}_2\text{CH}_2\text{CH}_2\text{CH}_3$,
and $>\text{NCH}(\text{CH}_3)\text{CH}_2\text{CH}_3$, where the alkyl attached to $>\text{N}$ is optionally substituted.

35. (canceled) The compound of claim 1 wherein Z is selected from the group consisting of

a) $>\text{C}=\text{O}$, $>\text{C}=\text{CHR}_f$, $>\text{CHR}_d$, $>\text{CF}_2$, $>\text{CHOR}_e$,

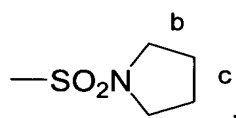


b) $>\text{CHNHR}_g$, $>\text{CHNCH}_3\text{R}_g$,

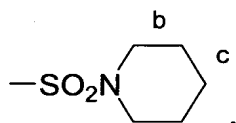


where Y is selected from O, S, $-\text{N}=\text{}$, $>\text{NH}$ or $>\text{NC}_{1-4}\text{alkyl}$

c) $-\text{SO}_2\text{NHCH}_2-$, $-\text{SO}_2\text{NCH}_3\text{CH}_2-$,



where A is fused at the c face, at a face of A which contains two carbon atoms, which is saturated or unsaturated,



where A is fused at the c face, at a face of A which contains two carbon atoms, which is saturated or unsaturated,

d) $>\text{NCH}_3$, $>\text{NCH}_2\text{CH}_3$, $>\text{NCH}_2\text{CH}_2\text{CH}_3$, $>\text{NCH}(\text{CH}_3)_2$, where the alkyl attached to $>\text{N}$ is optionally substituted.

36. (canceled) The compound of claim 1 wherein A, optionally substituted with R_p , is selected from the group consisting of:

- a) phenyl,
- b) tetralin-5, 6, 7 or 8-yl, chroman-5, 6, 7 or 8-yl, benzo-1,2-pyran-5, 6, 7 or 8-yl, benzo-2,3-pyran-5, 6, 7 or 8-yl, coumarin-5, 6, 7 or 8-yl, isocoumarin-5, 6, 7 or 8-yl, benzo-1,3,2-benzoxazin-5, 6, 7 or 8-yl, benzo-1,4-dioxan-5, 6, 7 or 8-yl, 1,2,3,4-tetrahydroquinolin-5, 6, 7 or 8-yl, 1,2,3,4-tetrahydroquinoxalin-5, 6, 7 or 8-yl, thiochroman-5, 6, 7 or 8-yl, 2,3-dihydrobenzo[1,4]dithiin-5, 6, 7 or 8-yl, 1,2,3,4-tetrahydroisoquinolin-5, 6, 7 or 8-yl, indene-4, 5, 6, or 7-yl, 1, 2, 3, 4-tetrahydronaphth-5, 6, 7, or 8-yl, 1,2-dihydroisoindolo-4, 5, 6, or 7-yl, 2, 3-dihydroindene-4, 5, 6, or 7-yl, benzo-1,3-dioxol-4, 5, 6 or 7-yl, 2,3-dihydroindol-4, 5, 6 or 7-yl, 2,3-dihydrobenzofuran-4, 5, 6 or 7-yl, 2,3-dihydrobenzothiophen-4, 5, 6 or 7-yl, 2,3-dihydrobenzoimidazol-4, 5, 6 or 7-yl,
- c) pyridinyl, pyrazinyl, pyrimidinyl, pyridazinyl,
- d) benzoxazol-4, 5, 6 or 7-yl, benzothiophen-4, 5, 6 or 7-yl, benzofuran-4, 5, 6 or 7-yl, indol-4, 5, 6 or 7-yl, benzthiazol-4, 5, 6 or 7-yl, benzimidazo-4, 5, 6 or 7-yl, indazol-4, 5, 6 or 7-yl, 1H-pyrrolo[2,3-b]pyridin-4, 5 or 6-yl, 1H-pyrrolo[3,2-

- c)pyridin-4, 6 or 7-yl, 1H-pyrrolo[2,3-c]pyridin-4, 5 or 7-yl, 1H-pyrrolo[3,2-b]pyridin-5, 6 or 7-yl, purin-2-yl,
- e) isoquinolin-5, 6, 7 or 8-yl, quinolin-5, 6, 7 or 8-yl, quinoxalin-5, 6, 7 or 8-yl, quinazolin-5, 6, 7 or 8-yl, naphthyridinyl,
- f) furanyl, oxazolyl, isoxazolyl, thiophenyl, thiazolyl, isothiazolyl, pyrrolyl, imidazolyl, pyrazolyl, and
- g) benzoxazol-2-yl, benzothiophen-2 or 3-yl, benzofuran-2 or 3-yl, indol-2 or 3yl, benzthiazol-2-yl, benzimidazo-2-yl, indazol-3-yl, 1H-pyrrolo[2,3-b]pyridin-2 or 3-yl, 1H-pyrrolo[3,2-c]pyridin-2 or 3-yl, 1H-pyrrolo[2,3-c]pyridin-2 or 3-yl, 1H-pyrrolo[3,2-b]pyridin-2 or 3-yl, purin-8-yl.

37. (canceled) The compound of claim 1 wherein A, optionally substituted with R_p, is selected from the group consisting of:

- a) phenyl,
- b) coumarin-5, 6, 7 or 8-yl, benzo-1,4-dioxan-5, 6, 7 or 8-yl, 1,2,3,4-tetrahydroquinolin-5, 6, 7 or 8-yl, 1,2,3,4-tetrahydroisoquinolin-5, 6, 7 or 8-yl, indene-4, 5, 6, or 7-yl, 1,2,3,4-tetrahydronaph-5, 6, 7, or 8 yl, 1,2-dihydroisoindolo-4, 5, 6, or 7-yl, 2,3-dihydroindene-4, 5, 6, or 7-yl, benzo-1,3-dioxol-4, 5, 6 or 7-yl, 2,3-dihydroindol-4, 5, 6 or 7-yl, 2,3-dihydrobenzofuran-4, 5, 6 or 7-yl, 2,3-dihydrobenzothiophen-4, 5, 6 or 7-yl,
- c) pyridinyl, pyrazinyl, pyrimidinyl, pyridazinyl,
- d) benzothiophen-4, 5, 6 or 7-yl, benzofuran-4, 5, 6 or 7-yl, indol-4, 5, 6 or 7-yl,
- e) isoquinolin-5, 6, 7 or 8-yl, quinolin-5, 6, 7 or 8-yl,
- f) furanyl, oxazolyl, isoxazolyl, thiophenyl, thiazolyl, isothiazolyl, pyrrolyl, imidazolyl, pyrazolyl, and
- g) benzoxazol-2-yl, benzothiophen-2 or 3-yl, benzofuran-2 or 3-yl, indol-2 or 3-yl.

38. (canceled) The compound of claim 1 wherein A, optionally substituted with R_p, is selected from the group consisting of: phenyl, benzo-1,4-dioxan-5, 6, 7 or 8-yl, indene-4, 5, 6, or 7-yl, 1, 2, 3, 4-tetrahydronaph-5, 6, 7, or 8 yl, 2, 3-dihydroindene-4, 5, 6, or 7-yl, benzo-1,3-dioxol-4, 5, 6 or 7-yl, 2,3-dihydroindol-4,

5, 6 or 7-yl, 2,3-dihydrobenzofuran-4, 5, 6 or 7-yl, 2,3-dihydrobenzothiophen-4, 5, 6 or 7-yl, pyridinyl, benzothiophen-4, 5, 6 or 7-yl, benzofuran-4, 5, 6 or 7-yl, indol-4, 5, 6 or 7-yl, furanyl, thiophenyl, pyrrolyl, pyrazolyl, and benzothiophen-2 or 3-yl, benzofuran-2 or 3-yl and indol-2 or 3-yl.

39. (currently amended) The compound of claim 1 wherein A, including the R_p substituent, is selected from the group consisting of ~~pyridyl~~, phenyl, ~~naphthyl~~, ~~quinolinyl~~, ~~cyclohexyl~~, 4-chloro phenyl, 4-methyl-3-chloro phenyl, 4-chloro-3-trifluoromethyl phenyl, 3,4-dichloro phenyl, 3-chloro-4-fluoro phenyl, 2-fluoro-5-trifluoromethyl phenyl, 4-chloro-3-fluoro phenyl, 3,4-dimethyl phenyl, ~~2-naphthyl~~, 4-trifluoromethyl phenyl, 4-bromo phenyl, 4-fluoro-3-methyl phenyl, 3-chloro phenyl, ~~tetrahydronaphthyl~~, 5-chloro-2-methyl phenyl, 3-trifluoromethyl phenyl, 4-methoxy phenyl, 4-methyl phenyl, 3,4-dimethyl phenyl, 2-fluoro-3-trifluoromethyl phenyl, 2-chloro-4-methyl phenyl, 4-ethyl phenyl, 4-fluoro phenyl, 3,4-dimethoxy phenyl, 3,4-dimethoxy-5-bromo phenyl, 3-(dimethylamino) phenyl, 4-nitro phenyl, 4-cyano phenyl, 2-methoxy-4-methyl phenyl, 4-trifluoromethoxy phenyl, 2-chloro phenyl, 4-morpholino phenyl, 3-chloro phenyl, 2,3-dichloro phenyl, benzo[1,3]dioxolyl, benzo[1,4]dioxinyl, 4-amino phenyl, 4-hydroxy phenyl, 4-bromo-3-hydroxy phenyl, 4-chloro-2-hydroxy phenyl, 4-chloro-3-hydroxy phenyl, 2,4-dichloro phenyl, 4-bromo-3-methoxy phenyl and 4-iodo phenyl.

40. (currently amended) The compound of claim 1 wherein A, including the R_p substituent, is selected from the group consisting of phenyl, 4-chlorophenyl, 4-methylphenyl, 4-methoxyphenyl, ~~2-naphthalenyl~~, 4-chloro-3-trifluoromethylphenyl, 3-bromo-4,5-dimethoxyphenyl, 3,4-dichlorophenyl, 3,4-dimethylphenyl, 4-ethylphenyl, ~~benzo[1,3]dioxolyl~~, ~~2,3-dihydro-benzo[1,4]dioxinyl~~, ~~3-quinolinyl~~, ~~4-pyridyl~~, ~~cyclohexyl~~, ~~4-tetrahydropyranyl~~, ~~2-thiophenyl~~, ~~6-chloro-benzo[1,3]dioxolyl~~, 2-chlorophenyl, 2,4-dichlorophenyl, 2-methoxyphenyl, 2-methylphenyl, and 3-methylphenyl, ~~and~~ ~~2-furanyl~~.

41. (original) The compound of claim 1 wherein R_p is selected from the group consisting of $-\text{OH}$, $-\text{CH}_3$, $-\text{CH}_2\text{CH}_3$, $-\text{OCH}_3$, $-\text{OCH}_2\text{CH}_3$, $-\text{OCH}(\text{CH}_3)_2$, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, $-\text{O}$ cyclopentyl, $-\text{O}$ cyclohexyl, $-\text{CN}$, $-\text{NO}_2$, $-\text{C}(\text{O})\text{NH}_2$, $-\text{C}(\text{O})\text{N}(\text{CH}_3)_2$, $-\text{C}(\text{O})\text{NH}(\text{CH}_3)$, $-\text{NHCOCH}_3$, $-\text{NCH}_3\text{COCH}_3$, $-\text{NHSO}_2\text{CH}_3$, $-\text{NCH}_3\text{SO}_2\text{CH}_3$, $-\text{C}(\text{O})\text{CH}_3$, $-\text{SOCH}_3$, $-\text{SO}_2\text{CH}_3$, $-\text{SO}_2\text{NH}_2$, $-\text{SO}_2\text{NHCH}_3$, $-\text{SO}_2\text{N}(\text{CH}_3)_2$, $-\text{SCF}_3$, $-\text{F}$, $-\text{Cl}$, $-\text{Br}$, I , $-\text{CF}_3$, $-\text{OCF}_3$, $-\text{COOH}$, $-\text{COOCH}_3$, $-\text{COOCH}_2\text{CH}_3$, $-\text{NH}_2$, $-\text{NHCH}_3$, $-\text{N}(\text{CH}_3)_2$, $-\text{N}(\text{CH}_2\text{CH}_3)_2$, $-\text{NCH}_3(\text{CH}(\text{CH}_3)_2)$, imidazolidin-1-yl, 2-imidazolin-1-yl, pyrazolidin-1-yl, piperidin-1-yl, 2- or 3-pyrrolin-1-yl, 2-pyrazolinyl, morpholin-4-yl, thiomorpholin-4-yl, piperazin-1-yl, pyrrolidin-1-yl, homopiperidin-1-yl.

42. (original) The compound of claim 1 wherein R_p is selected from the group consisting of $-\text{H}$, $-\text{OH}$, $-\text{OCH}_3$, $-\text{OCF}_3$, $-\text{CH}_3$, $-\text{CH}_2\text{CH}_3$, $-\text{CF}_3$, $-\text{F}$, $-\text{Cl}$, $-\text{Br}$, $-\text{I}$, $-\text{NH}_2$, $-\text{N}(\text{CH}_3)_2$, morpholin-4-yl, $-\text{NO}_2$, $-\text{CN}$, $-\text{C}(\text{O})\text{NH}_2$, $-\text{COOH}$, $-\text{NHSO}_2\text{CH}_3$, $-\text{SO}_2\text{NH}_2$.

43. (currently amended) The compound of claim 1 selected from the group consisting of:

~~2-[4-(2-Phenyl-[1,3]dioxolan-2-yl)-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~

~~2-[4-[2-(4-Chloro-phenyl)-[1,3]dioxolan-2-yl]-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~

2-(4-Benzoyl-phenyl)-1H-benzoimidazole-5-carboxylic acid amide;

2-[4-(4-Chloro-benzoyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid amide;

2-[4-(4-Methyl-benzoyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid amide;

2-[4-(4-Methoxy-benzoyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid amide;

~~2-[4-(Naphthalene-2-carbonyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~

2-[4-(4-Chloro-3-trifluoromethyl-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
2-[4-(3-Bromo-4,5-dimethoxy-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
2-[4-(3,4-Dichloro-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
2-[4-(3,4-Dimethyl-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
2-[4-(4-Ethyl-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;
~~2-[4-(Benzo[1,3]dioxole-5-carbonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;~~
~~2-[4-(2,3-Dihydro-benzo[1,4]dioxine-6-carbonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;~~
~~2-[4-(Quinoline-3-carbonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;~~
~~2-[4-(Pyridine-4-carbonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;~~
~~2-[4-(Cyclohexanecarbonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;~~
~~2-[4-(4-Chloro-benzoyl)-phenyl]-1*H*-benzoimidazole-5-sulfonic acid amide;~~
~~2-[4-(Hydroxy-phenyl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;~~
~~2-[4-[(4-Chloro-phenyl)-hydroxy-methyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;~~
~~2-[4-(Hydroxy-p-tolyl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;~~
~~2-[4-[Hydroxy-(4-methoxy-phenyl)-methyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide;~~

~~2-[4-(Hydroxy-naphthalen-2-yl-methyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~
~~2-[4-[(4-Chloro-3-trifluoromethyl-phenyl)-hydroxy-methyl]-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~
~~2-[4-[(3-Bromo-4,5-dimethoxy-phenyl)-hydroxy-methyl]-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~
~~2-[4-[(3,4-Dichloro-phenyl)-hydroxy-methyl]-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~
~~2-[4-[(3,4-Dimethyl-phenyl)-hydroxy-methyl]-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~
~~2-[4-[(4-Ethyl-phenyl)-hydroxy-methyl]-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~
~~2-[4-(Benzo[1,3]dioxol-5-yl-hydroxy-methyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~
~~2-[4-[(2,3-Dihydro-benzo[1,4]dioxin-6-yl)-hydroxy-methyl]-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~
~~2-[4-(Hydroxy-quinolin-3-yl-methyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~
~~2-[4-(Hydroxy-pyridin-4-yl-methyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~
~~2-[4-(Cyclohexyl-hydroxy-methyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~
~~2-[4-(Methoxy-phenyl-methyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~
~~2-[4-(4-Chloro-benzyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~
~~2-[4-(Naphthalen-2-ylmethyl-phenyl)-1H-benzoimidazole-5-carboxylic acid-amide;~~
~~2-[4-(3,4-Dimethyl-benzyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~

~~2-[4-(4-Ethyl-benzyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid
amide;~~

~~2-[4-(2,3-Dihydro-benzo[1,4]dioxin-6-ylmethyl)-phenyl]-1H-
benzoimidazole-5-carboxylic acid amide;~~

~~2-(4-Cyclohexylmethyl-phenyl)-1H-benzoimidazole-5-carboxylic acid
amide;~~

~~2-[4-[1-(4-Chloro-phenyl)-vinyl]-phenyl]-1H-benzoimidazole-5-
carboxylic acid amide;~~

~~2-[4-[1-(4-Chloro-phenyl)-ethyl]-phenyl]-1H-benzoimidazole-5-
carboxylic acid amide;~~

~~2-[4-[(4-Chloro-phenyl)-piperazin-1-yl-methyl]-phenyl]-1H-
benzoimidazole-5-carboxylic acid amide;~~

~~2-(4-[(4-Chloro-phenyl)-[methyl-(2-methylamino-ethyl)-amino]-methyl]-
phenyl)-1H-benzoimidazole-5-carboxylic acid amide;~~

~~2-[4-(Methyl-phenyl-amino)-phenyl]-1H-benzoimidazole-5-carboxylic
acid amide;~~

~~2-(4-Benzylsulfamoyl-phenyl)-1H-benzoimidazole-5-carboxylic acid
amide;~~

~~2-[4-(4-Methyl-benzylsulfamoyl)-phenyl]-1H-benzoimidazole-5-
carboxylic acid amide;~~

~~2-[4-(4-Methoxy-benzylsulfamoyl)-phenyl]-1H-benzoimidazole-5-
carboxylic acid amide;~~

~~2-[4-(4-Chloro-benzylsulfamoyl)-phenyl]-1H-benzoimidazole-5-
carboxylic acid amide;~~

~~2-[4-(3,4-Dichloro-benzylsulfamoyl)-phenyl]-1H-benzoimidazole-5-
carboxylic acid amide;~~

~~2-[4-(Benzyl-methyl-sulfamoyl)-phenyl]-1H-benzoimidazole-5-carboxylic
acid amide;~~

~~2-[4-(Tetrahydro-pyran-4-carbonyl)-phenyl]-1H-benzoimidazole-5-
carboxylic acid amide;~~

~~2-[4-(Thiophene-2-carbonyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~

~~2-[4-(6-Chloro-benzo[1,3]dioxole-5-carbonyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~

~~2-[4-(2-Chloro-benzoyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid amide;~~

~~2-[4-(2,4-Dichloro-benzoyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid amide;~~

~~2-[4-(2-Methoxy-benzoyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid amide;~~

~~2-[4-(2-Methyl-benzoyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid amide;~~

~~2-[4-[Hydroxy-(tetrahydro-pyran-4-yl)-methyl]-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~

~~2-[4-(Hydroxy-thiophen-2-yl-methyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid amide;~~

~~2-[4-[(6-Chloro-benzo[1,3]dioxol-5-yl)-hydroxy-methyl]-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~

~~2-[4-[(2-Chloro-phenyl)-hydroxy-methyl]-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~

~~2-[4-[(2,4-Dichloro-phenyl)-hydroxy-methyl]-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~

~~2-[4-[Hydroxy-(2-methoxy-phenyl)-methyl]-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~

~~2-[4-(Hydroxy-o-tolyl-methyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~

~~2-[4-(6-Chloro-benzo[1,3]dioxol-5-ylmethyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid-amide;~~

~~2-[4-(2-Methoxy-benzyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid amide;~~

~~2-[4-(2-Methyl-benzyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid
amide;
2-[4-(2-Methyl-benzylsulfamoyl)-phenyl]-1H-benzoimidazole-5-
carboxylic acid amide;
2-[4-(3-Methyl-benzylsulfamoyl)-phenyl]-1H-benzoimidazole-5-
carboxylic acid amide;
2-[4-(1,3-Dihydro-isoindole-2-sulfonyl)-phenyl]-1H-benzoimidazole-5-
carboxylic acid amide;
2-[4-(2,3-Dihydro-indole-1-sulfonyl)-phenyl]-1H-benzoimidazole-5-
carboxylic acid amide;
(±)-2-[4-(1-Phenyl-ethylsulfamoyl)-phenyl]-1H-benzoimidazole-5-
carboxylic acid amide;
(±)-2-[4-(1,2,3,4-Tetrahydro-naphthalen-1-ylsulfamoyl)-phenyl]-1H-
benzoimidazole-5-carboxylic acid amide;
2-[4-[(Thiophen-2-ylmethyl)-sulfamoyl]-phenyl]-1H-benzoimidazole-5-
carboxylic acid amide;
2-[4-[(Furan-2-ylmethyl)-sulfamoyl]-phenyl]-1H-benzoimidazole-5-
carboxylic acid amide;
2-[4-[(Pyridin-4-ylmethyl)-sulfamoyl]-phenyl]-1H-benzoimidazole-5-
carboxylic acid amide; and
2-[4-(S)-Indan-1-ylsulfamoyl]-phenyl]-1H-benzoimidazole-5-carboxylic
acid amide.~~

44. (canceled) The compound of claim 1 selected from the group consisting of: 2-[4-[1-(4-Chloro-phenyl)-vinyl]-phenyl]-1H-imidazo[4,5-b]pyridine-5-carboxylic acid amide; 2-[4-[(2,4-Dichloro-phenyl)-hydroxy-methyl]-phenyl]-1H-benzoimidazole-5-carboxylic acid amide; 2-[4-(3,4-Dihydro-1H-isoquinoline-2-sulfonyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid amide; 2-(4-Thiophen-2-ylmethyl-phenyl)-1H-benzoimidazole-5-carboxylic acid amide; 2-[4-(Furan-3-carbonyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid amide; 2-[4-(Furan-3-yl-hydroxy-methyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid amide; 2-(4-Furan-

3-ylmethyl-phenyl)-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(1-Methyl-1*H*-imidazole-2-carbonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[Hydroxy-(1-methyl-1*H*-imidazol-2-yl)-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(1-Methyl-1*H*-imidazol-2-ylmethyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(5-Chloro-thiophene-2-carbonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[(5-Chloro-thiophen-2-yl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(5-Chloro-thiophen-2-ylmethyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Piperidine-4-carbonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-piperidin-4-yl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-(4-Piperidin-4-ylmethyl-phenyl)-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Tetrahydro-thiopyran-4-carbonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[Hydroxy-(tetrahydro-thiopyran-4-yl)-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Tetrahydro-thiopyran-4-ylmethyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Tetrahydro-pyran-4-ylmethyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; [[4-(5-Carbamoyl-1*H*-benzoimidazol-2-yl)-phenyl]-(4-chloro-phenyl)-methoxy]-acetic acid; 2-{4-[(2-Amino-ethoxy)-(4-chloro-phenyl)-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[(4-Chloro-phenyl)-difluoro-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Benzo[1,3]dioxol-5-yl-difluoro-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[1-(4-Chloro-phenyl)-1-methyl-ethyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[(4-Chloro-phenyl)-cyano-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-((*S*)-1-Hydroxymethyl-1,3-dihydro-isoindole-2-sulfonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(*R*)-1-Hydroxymethyl-1,3-dihydro-isoindole-2-sulfonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-((1*R*,2*S*)-2-Hydroxy-indan-1-ylsulfamoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-((*S*)-2-Hydroxy-1-phenyl-ethylsulfamoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-((*R*)-2-Hydroxy-1-phenyl-ethylsulfamoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid

amide; and 2-{4-[(Pyridin-2-ylmethyl)-sulfamoyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide.

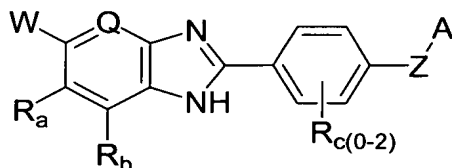
45. (currently amended) The compound of claim 1 selected from the group consisting of: 2-[4-(4-Methyl-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Naphthalene-2-carbonyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(4-Chloro-3-trifluoromethyl-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(3-Bromo-4,5-dimethoxy-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(3,4-Dichloro-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(3,4-Dimethyl-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(4-Ethyl-benzoyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-(4-Cyclohexanecarbonyl-phenyl)-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-phenyl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-[(4-Chloro-phenyl)-hydroxy-methyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-*p*-tolyl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-[Hydroxy-(4-methoxy-phenyl)-methyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-naphthalen-2-yl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-[(4-Chloro-3-trifluoromethyl-phenyl)-hydroxy-methyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-[(3,4-Dichloro-phenyl)-hydroxy-methyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-[(3,4-Dimethyl-phenyl)-hydroxy-methyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-[(4-Ethyl-phenyl)-hydroxy-methyl]-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Benzo[1,3]dioxol-5-yl-hydroxy-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-quinolin-3-yl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(4-Chloro-benzyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-(4-Naphthalen-2-ylmethyl-phenyl)-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(3,4-Dimethyl-benzyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(4-Ethyl-benzyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(2,3-Dihydro-benzo[1,4]dioxin-6-ylmethyl)-phenyl]-1*H*-benzoimidazole-5-

~~carboxylic acid amide; 2-[4-[1-(4-Chloro-phenyl)-vinyl]-phenyl]-1H-~~
~~benzoimidazole-5-carboxylic acid amide; 2-[4-[1-(4-Chloro-phenyl)-ethyl]-~~
~~phenyl]-1H-benzoimidazole-5-carboxylic acid amide; 2-[4-(1,3-Dihydro-isoindole-~~
~~2-sulfonyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid amide; 2-[4-(2,3-~~
~~Dihydro-indole-1-sulfonyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid amide;~~
~~(±)-2-[4-(1,2,3,4-Tetrahydro-naphthalen-1-ylsulfamoyl)-phenyl]-1H-~~
~~benzoimidazole-5-carboxylic acid amide; 2-[4-[(Thiophen-2-ylmethyl)-sulfamoyl]-~~
~~phenyl]-1H-benzoimidazole-5-carboxylic acid amide; and 2-[4-(Indan(S)-1-~~
~~ylsulfamoyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid amide.~~

46. (currently amended) The compound of claim 1 selected from the group
consisting of: ~~2-[4-(Naphthalene-2-carbonyl)-phenyl]-1H-benzoimidazole-5-~~
~~carboxylic acid amide; 2-[4-(3,4-Dichloro-benzoyl)-phenyl]-1H-benzoimidazole-5-~~
~~carboxylic acid amide; 2-[4-[(4-Chloro-phenyl)-hydroxy-methyl]-phenyl]-1H-~~
~~benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-naphthalen-2-yl-methyl)-~~
~~phenyl]-1H-benzoimidazole-5-carboxylic acid amide; 2-[4-[(4-Chloro-3-~~
~~trifluoromethyl-phenyl)-hydroxy-methyl]-phenyl]-1H-benzoimidazole-5-carboxylic~~
~~acid amide; 2-[4-[(3,4-Dichloro-phenyl)-hydroxy-methyl]-phenyl]-1H-~~
~~benzoimidazole-5-carboxylic acid amide; 2-[4-[(3,4-Dimethyl-phenyl)-hydroxy-~~
~~methyl]-phenyl]-1H-benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-~~
~~quinolin-3-yl-methyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid amide; 2-[4-~~
~~(4-Chloro-benzyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid amide; 2-(4-~~
~~Naphthalen-2-ylmethyl-phenyl)-1H-benzoimidazole-5-carboxylic acid amide; 2-[4-~~
~~(3,4-Dimethyl-benzyl)-phenyl]-1H-benzoimidazole-5-carboxylic acid amide; 2-[4-~~
~~[1-(4-Chloro-phenyl)-vinyl]-phenyl]-1H-benzoimidazole-5-carboxylic acid amide;~~
~~2-[4-[1-(4-Chloro-phenyl)-ethyl]-phenyl]-1H-benzoimidazole-5-carboxylic acid~~
~~amide; 2-[4-(1,3-Dihydro-isoindole-2-sulfonyl)-phenyl]-1H-benzoimidazole-5-~~
~~carboxylic acid amide; and 2-[4-(S)-Indan-1-ylsulfamoyl)-phenyl]-1H-~~
~~benzoimidazole-5-carboxylic acid amide.~~

47. (canceled) The compound of claim 1 selected from the group consisting of: 2-[4-(Hydroxy-phenyl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[(4-Chloro-phenyl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-*p*-tolyl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[Hydroxy-(4-methoxy-phenyl)-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-naphthalen-2-yl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[(4-Chloro-3-trifluoromethyl-phenyl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[(3-Bromo-4,5-dimethoxy-phenyl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[(3,4-Dichloro-phenyl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[(3,4-Dimethyl-phenyl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[(4-Ethyl-phenyl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Benzo[1,3]dioxol-5-yl-hydroxy-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[(2,3-Dihydro-benzo[1,4]dioxin-6-yl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-quinolin-3-yl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-pyridin-4-yl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Cyclohexyl-hydroxy-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[Hydroxy-(tetrahydro-pyran-4-yl)-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-thiophen-2-yl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[(6-Chloro-benzo[1,3]dioxol-5-yl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[(2-Chloro-phenyl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[(2,4-Dichloro-phenyl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-{4-[Hydroxy-(2-methoxy-phenyl)-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide; 2-[4-(Hydroxy-*o*-tolyl-methyl)-phenyl]-1*H*-benzoimidazole-5-carboxylic acid amide; and 2-{4-[(2,4-Dichloro-phenyl)-hydroxy-methyl]-phenyl}-1*H*-benzoimidazole-5-carboxylic acid amide.

48. (currently amended) A pharmaceutical composition comprising a pharmaceutically acceptable carrier and a Cds-1 inhibiting amount of a compound of the formula:



wherein

W is $-\text{COOH}$, $-(\text{CO})\text{NH}_2$, or $-(\text{SO}_2)\text{NH}_2$;

Q is N or CH;

R_a and R_b are independently selected from -H and halogen;

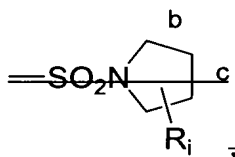
R_c is absent or is independently selected from the group consisting of $-\text{OH}$, $-\text{CF}_3$, $-\text{C}_{1-4}\text{alkyl}$, $-\text{OC}_{1-4}\text{alkyl}$, $-\text{NO}_2$ and halo;

Z is selected from the group consisting of

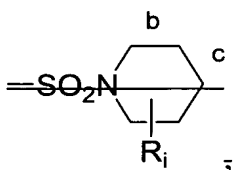
a) $>\text{C}=\text{O}$, $>\text{C}=\text{CHR}_f$, $>\text{CR}_d\text{R}_d$, $>\text{CF}_2$, $>\text{CR}_d\text{OR}_e$, $>\text{C}(\text{OR}_d)\text{OR}_e$,

b) $>\text{C}(\text{R}_d)\text{NR}_d\text{R}_g$,

c) $-\text{SO}_2\text{NR}_d\text{C}(\text{R}_h)_2$,



where A is fused at the b or c faces, at a face of A which contains two carbon atoms, which is saturated or unsaturated,



where A is fused at the b or c faces, at a face of A which contains two carbon atoms, which is saturated or unsaturated,

d) $>\text{N}\text{C}_{1-4}\text{alkyl}$, where the alkyl is optionally substituted with a substituent selected from the group consisting of $-\text{NH}_2$, $-\text{NHC}_{1-4}\text{alkyl}$, $-\text{N}(\text{C}_{1-4}\text{alkyl})_2$, $-\text{CONH}_2$, $-\text{CONHC}_{1-4}\text{alkyl}$, $-\text{CON}(\text{C}_{1-4}\text{alkyl})_2$, $-\text{COOH}$, $-\text{COOC}_{1-4}\text{alkyl}$, $-\text{OH}$ and $-\text{OC}_{1-4}\text{alkyl}$;

~~R_d is independently selected from the group consisting of H and C₁₋₄alkyl;~~
~~R_e is independently selected from the group consisting of H and optionally~~
~~mono or di-substituted C₁₋₄alkyl, where the substituent is independently~~
~~selected from the group consisting of NH₂, NHC₁₋₄alkyl, N(C₁₋₄alkyl)₂,~~
~~-CONH₂, -CONHC₁₋₄alkyl, -CON(C₁₋₄alkyl)₂, -COOH, -COOC₁₋₄alkyl, -CN, -OH~~
~~and -OC₁₋₄alkyl;~~

~~alternatively, R_d and R_e may be taken together with their atoms of attachment to~~
~~form a 5 to 8 membered heterocyclic ring, with the heterocyclic ring having 0~~
~~or 1 unsaturated bonds, having 0, 1 or 2 carbon members which is a~~
~~carbonyl, having 0 or 1 additional heteroatom members separated from an~~
~~atom of attachment by at least one carbon member and selected from O, S,~~
~~-N=, >NH or >NC₁₋₄alkyl and having a maximum of two heteroatom ring~~
~~members;~~

~~R_f is independently selected from the group consisting of H, -CONH₂,~~
~~-CONHC₁₋₄alkyl, -CON(C₁₋₄alkyl)₂, -COOH, -COOC₁₋₄alkyl and optionally~~
~~mono or di-substituted C₁₋₄alkyl, where the substituent is independently~~
~~selected from the group consisting of NH₂, NHC₁₋₄alkyl, N(C₁₋₄alkyl)₂,~~
~~-CONH₂, -CONHC₁₋₄alkyl, -CON(C₁₋₄alkyl)₂, -COOH, -COOC₁₋₄alkyl, -CN, -OH~~
~~and -OC₁₋₄alkyl;~~

~~R_g is independently selected from the group consisting of H and optionally~~
~~mono or di-substituted C₁₋₄alkyl, where the substituent is independently~~
~~selected from the group consisting of NH₂, NHC₁₋₄alkyl, N(C₁₋₄alkyl)₂,~~
~~-CONH₂, -CONHC₁₋₄alkyl, -CON(C₁₋₄alkyl)₂, -COOH, -COOC₁₋₄alkyl, -CN, -OH~~
~~and -OC₁₋₄alkyl;~~

~~alternatively, R_d and R_g may be taken together with their nitrogen of common~~
~~attachment to form a 5 to 8 membered heterocyclic ring, with the heterocyclic~~
~~ring having 0 or 1 unsaturated bonds, having 0, 1 or 2 carbon members which~~
~~is a carbonyl and having 0 or 1 additional heteroatom members separated~~
~~from the atom of common attachment by at least one carbon member and~~
~~selected from O, S, -N=, >NH or >NC₁₋₄alkyl;~~

~~R_h is independently selected from the group consisting of -H, and optionally mono- or di-substituted C₁₋₄alkyl, where the substituent is independently selected from the group consisting of -NH₂, -NHC₁₋₄alkyl, -N(C₁₋₄alkyl)₂, -CN, -OH and -OC₁₋₄alkyl; or, alternatively, R_h is -CH₂CH₂- or -CH₂CH₂CH₂-, optionally substituted with R_i, which is bonded to a carbon of A adjacent to the carbon of Z attachment, forming a five- or six-membered carbocyclic ring;~~

~~R_i is independently selected from the group consisting of -H, -OH, -OC₁₋₄alkyl and optionally mono- or di-substituted C₁₋₄alkyl, where the substituent is independently selected from the group consisting of -NH₂, -NHC₁₋₄alkyl, -N(C₁₋₄alkyl)₂, -CONH₂, -CONHC₁₋₄alkyl, -CON(C₁₋₄alkyl)₂, -COOH, -COOC₁₋₄alkyl, -CN, -OH and -OC₁₋₄alkyl;~~

~~A is selected from the group consisting of:~~

~~a) phenyl, optionally mono-, di- or tri-substituted with R_p;~~

~~R_p is selected from the group consisting of -OH, -C₁₋₆alkyl, -OC₁₋₆alkyl, -C₃₋₆cycloalkyl, -OC₃₋₆cycloalkyl, -CN, -NO₂, -N(R_y)R_z (wherein R_y and R_z are independently selected from -H or -C₁₋₆alkyl, or may be taken together with the nitrogen of attachment to form an otherwise aliphatic hydrocarbon ring, said ring having 5 to 7 members, optionally having one carbon replaced with >O, =N-, >NH or >N(C₁₋₄alkyl) and optionally having one or two unsaturated bonds in the ring), -(C=O)N(R_y)R_z, -(N-R_i)COR_t (wherein R_t is independently -H or -C₁₋₆alkyl), -(N-R_i)SO₂C₁₋₆alkyl, -(C=O)C₁₋₆alkyl, -(S(O)_n)-C₁₋₆alkyl (wherein n is selected from 0, 1 or 2), -SO₂N(R_y)R_z, -SCF₃, halo, -CF₃, -OCF₃, -COOH, -C₁₋₆alkylCOOH, -COOC₁₋₆alkyl and -C₁₋₆alkylCOOC₁₋₆alkyl;~~

~~b) phenyl, attached at two adjacent ring members to a C₃₋₅alkyl moiety to form a fused 5 to 7 membered ring, said fused ring optionally having a second unsaturated bond, said fused ring optionally having one or two members replaced with =N-, >O, >NH or >N(C₁₋₄alkyl) except that no such replacement is permitted where the fused ring is 5 membered and has a second unsaturated bond, and said fused ring optionally~~

- ~~having one carbon member replaced with $>\text{C}=\text{O}$, the fused rings optionally mono-, di- or tri-substituted with R_p ;~~
- ~~e) a monocyclic aromatic hydrocarbon group having six ring carbon atoms, having a carbon atom which is the point of attachment, having one or two carbon atoms replaced by N, and optionally mono- or di-substituted with R_p ;~~
- ~~d) a monocyclic aromatic hydrocarbon group having six ring carbon atoms, having a carbon atom which is the point of attachment, having zero, one or two carbon atoms replaced by N, and having attachment at two adjacent carbon ring members to a three membered hydrocarbon moiety to form a fused five membered aromatic ring, which moiety has one carbon atom replaced by $>\text{O}$, $>\text{S}$, $>\text{NH}$ or $>\text{N}(\text{C}_{1-4}\text{alkyl})$ and which moiety has up to one additional carbon atom optionally replaced by N, the fused rings optionally mono-, di- or tri-substituted with R_p ;~~
- ~~e) a monocyclic aromatic hydrocarbon group having six ring carbon atoms, having a carbon atom which is the point of attachment, having zero, one or two carbon atoms replaced by N, and having attachment at two adjacent carbon ring members to a four membered hydrocarbon moiety to form a fused six membered aromatic ring, which moiety has zero, one or two carbon atoms replaced by N, the fused rings optionally mono-, di- or tri-substituted with R_p ;~~
- ~~f) a monocyclic aromatic hydrocarbon group having five ring carbon atoms, having a carbon atom which is the point of attachment, having one carbon atom replaced by $>\text{O}$, $>\text{S}$, $>\text{NH}$ or $>\text{N}(\text{C}_{1-4}\text{alkyl})$, having up to one additional carbon atom optionally replaced by N, and optionally mono- or di-substituted with R_p ;~~
- ~~g) a monocyclic aromatic hydrocarbon group having five ring carbon atoms, having a carbon atom which is the point of attachment, having one carbon atom replaced by $>\text{O}$, $>\text{S}$, $>\text{NH}$ or $>\text{N}(\text{C}_{1-4}\text{alkyl})$, and having attachment at two adjacent carbon ring members to a four~~

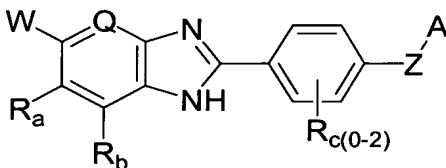
~~membered hydrocarbon moiety to form a fused six membered aromatic ring, which moiety has zero, one or two carbon atoms replaced by N, the fused rings optionally mono-, di- or tri-substituted with R_p ;~~

~~h) a 4-7 membered aliphatic or heterocyclic ring said heterocyclic ring having a carbon atom which is the point of attachment, having 0 or 1 heteroatom members selected from O, S, N=, >NH or >NR_p, having 0, 1 or 2 unsaturated bonds, having 0, 1 or 2 carbon members which is a carbonyl and having 0, 1 or 2 substituents R_p ;~~

~~i) a benzo fused 4-7 membered aliphatic or heterocyclic ring said heterocyclic ring having a carbon atom which is the point of attachment, having 0 or 1 additional heteroatom members selected from O, S, N=, >NH or >NR_p, having 0 or 1 additional unsaturated bonds, having 0, 1 or 2 carbon members which is a carbonyl, having 0, 1, 2, or 3 halo substituents on the benzene ring only and having 0, 1 or 2 substituents R_p ;~~

and enantiomers, diastereomers and pharmaceutically acceptable salts, esters or amides thereof.

49. (withdrawn) A method for treating a subject suffering from cancer, said method comprising (a) administering to said subject a therapeutically effective amount of a pharmaceutical composition comprising a compound of the formula given below, and (b) damaging the DNA of said subject by administering a DNA damaging treatment or agent:



wherein

W is -COOH, -(CO)NH₂, or -(SO₂)NH₂;

Q is N or CH;

R_a and R_b are independently selected from -H and halogen;

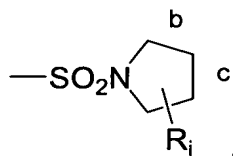
R_c is absent or is independently selected from the group consisting of $-\text{OH}$, $-\text{CF}_3$, $-\text{C}_{1-4}\text{alkyl}$, $-\text{OC}_{1-4}\text{alkyl}$, $-\text{NO}_2$ and halo;

Z is selected from the group consisting of

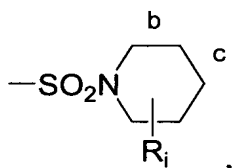
a) $>\text{C}=\text{O}$, $>\text{C}=\text{CHR}_f$, $>\text{CR}_d\text{R}_d$, $>\text{CF}_2$, $>\text{CR}_d\text{OR}_e$, $>\text{C}(\text{OR}_d)\text{OR}_e$,

b) $>\text{C}(\text{R}_d)\text{NR}_d\text{R}_g$,

c) $-\text{SO}_2\text{NR}_d\text{C}(\text{R}_h)_2-$,



where A is fused at the b or c faces, at a face of A which contains two carbon atoms, which is saturated or unsaturated,



where A is fused at the b or c faces, at a face of A which contains two carbon atoms, which is saturated or unsaturated,

d) $>\text{NC}_{1-4}\text{alkyl}$, where the alkyl is optionally substituted with a substituent selected from the group consisting of $-\text{NH}_2$, $-\text{NHC}_{1-4}\text{alkyl}$, $-\text{N}(\text{C}_{1-4}\text{alkyl})_2$, $-\text{CONH}_2$, $-\text{CONHC}_{1-4}\text{alkyl}$, $-\text{CON}(\text{C}_{1-4}\text{alkyl})_2$, $-\text{COOH}$, $-\text{COOC}_{1-4}\text{alkyl}$, $-\text{OH}$ and $-\text{OC}_{1-4}\text{alkyl}$;

R_d is independently selected from the group consisting of $-\text{H}$ and $-\text{C}_{1-4}\text{alkyl}$;

R_e is independently selected from the group consisting of $-\text{H}$ and optionally mono- or di-substituted $-\text{C}_{1-4}\text{alkyl}$, where the substituent is independently selected from the group consisting of $-\text{NH}_2$, $-\text{NHC}_{1-4}\text{alkyl}$, $-\text{N}(\text{C}_{1-4}\text{alkyl})_2$, $-\text{CONH}_2$, $-\text{CONHC}_{1-4}\text{alkyl}$, $-\text{CON}(\text{C}_{1-4}\text{alkyl})_2$, $-\text{COOH}$, $-\text{COOC}_{1-4}\text{alkyl}$, $-\text{CN}$, $-\text{OH}$ and $-\text{OC}_{1-4}\text{alkyl}$;

alternatively, R_d and R_e may be taken together with their atoms of attachment to form a 5 to 8 membered heterocyclic ring, with the heterocyclic ring having 0 or 1 unsaturated bonds, having 0, 1 or 2 carbon members which is a carbonyl, having 0 or 1 additional heteroatom members separated from an

atom of attachment by at least one carbon member and selected from O, S, -N=, >NH or >NC₁₋₄alkyl and having a maximum of two heteroatom ring members;

R_f is independently selected from the group consisting of -H, -CONH₂, -CONHC₁₋₄alkyl, -CON(C₁₋₄alkyl)₂, -COOH, -COOC₁₋₄alkyl and optionally mono- or di-substituted C₁₋₄alkyl, where the substituent is independently selected from the group consisting of -NH₂, -NHC₁₋₄alkyl, -N(C₁₋₄alkyl)₂, -CONH₂, -CONHC₁₋₄alkyl, -CON(C₁₋₄alkyl)₂, -COOH, -COOC₁₋₄alkyl, -CN, -OH and -OC₁₋₄alkyl;

R_g is independently selected from the group consisting of -H and optionally mono- or di-substituted -C₁₋₄alkyl, where the substituent is independently selected from the group consisting of -NH₂, -NHC₁₋₄alkyl, -N(C₁₋₄alkyl)₂, -CONH₂, -CONHC₁₋₄alkyl, -CON(C₁₋₄alkyl)₂, -COOH, -COOC₁₋₄alkyl, -CN, -OH and -OC₁₋₄alkyl;

alternatively, R_d and R_g may be taken together with their nitrogen of common attachment to form a 5 to 8 membered heterocyclic ring, with the heterocyclic ring having 0 or 1 unsaturated bonds, having 0, 1 or 2 carbon members which is a carbonyl and having 0 or 1 additional heteroatom members separated from the atom of common attachment by at least one carbon member and selected from O, S, -N=, >NH or >NC₁₋₄alkyl;

R_h is independently selected from the group consisting of -H, and optionally mono- or di-substituted C₁₋₄alkyl, where the substituent is independently selected from the group consisting of -NH₂, -NHC₁₋₄alkyl, -N(C₁₋₄alkyl)₂, -CN, -OH and -OC₁₋₄alkyl; or, alternatively, R_h is -CH₂CH₂- or -CH₂CH₂CH₂-, optionally substituted with R_i, which is bonded to a carbon of A adjacent to the carbon of Z attachment, forming a five- or six-membered carbocyclic ring;

R_i is independently selected from the group consisting of -H, -OH, -OC₁₋₄alkyl and optionally mono- or di-substituted C₁₋₄alkyl, where the substituent is independently selected from the group consisting of -NH₂, -NHC₁₋₄alkyl, -N(C₁₋₄alkyl)₂, -CONH₂, -CONHC₁₋₄alkyl, -CON(C₁₋₄alkyl)₂, -COOH, -COOC₁₋₄alkyl, -CN, -OH and -OC₁₋₄alkyl;

A is selected from the group consisting of:

- a) phenyl, optionally mono-, di- or tri-substituted with R_p ;
 R_p is selected from the group consisting of $-OH$, $-C_{1-6}alkyl$, $-OC_{1-6}alkyl$, $-C_{3-6}cycloalkyl$, $-OC_{3-6}cycloalkyl$, $-CN$, $-NO_2$, $-N(R_y)R_z$ (wherein R_y and R_z are independently selected from $-H$ or $-C_{1-6}alkyl$, or may be taken together with the nitrogen of attachment to form an otherwise aliphatic hydrocarbon ring, said ring having 5 to 7 members, optionally having one carbon replaced with $>O$, $=N-$, $>NH$ or $>N(C_{1-4}alkyl)$ and optionally having one or two unsaturated bonds in the ring), $-(C=O)N(R_y)R_z$, $-(N-R_t)COR_t$ (wherein R_t is independently $-H$ or $-C_{1-6}alkyl$), $-(N-R_t)SO_2C_{1-6}alkyl$, $-(C=O)C_{1-6}alkyl$, $-(S=(O)_n)-C_{1-6}alkyl$ (wherein n is selected from 0, 1 or 2), $-SO_2N(R_y)R_z$, $-SCF_3$, halo, $-CF_3$, $-OCF_3$, $-COOH$, $-C_{1-6}alkylCOOH$, $-COOC_{1-6}alkyl$ and $-C_{1-6}alkylCOOC_{1-6}alkyl$;
- b) phenyl, attached at two adjacent ring members to a $C_{3-5}alkyl$ moiety to form a fused 5 to 7 membered ring, said fused ring optionally having a second unsaturated bond, said fused ring optionally having one or two members replaced with $=N-$, $>O$, $>NH$ or $>N(C_{1-4}alkyl)$ except that no such replacement is permitted where the fused ring is 5 membered and has a second unsaturated bond, and said fused ring optionally having one carbon member replaced with $>C=O$, the fused rings optionally mono-, di- or tri-substituted with R_p ;
- c) a monocyclic aromatic hydrocarbon group having six ring carbon atoms, having a carbon atom which is the point of attachment, having one or two carbon atoms replaced by N, and optionally mono- or di-substituted with R_p ;
- d) a monocyclic aromatic hydrocarbon group having six ring carbon atoms, having a carbon atom which is the point of attachment, having zero, one or two carbon atoms replaced by N, and having attachment at two adjacent carbon ring members to a three membered hydrocarbon moiety to form a fused five membered aromatic ring,

which moiety has one carbon atom replaced by >O, >S, >NH or >N(C₁₋₄alkyl) and which moiety has up to one additional carbon atom optionally replaced by N, the fused rings optionally mono-, di- or tri-substituted with R_p;

- e) a monocyclic aromatic hydrocarbon group having six ring carbon atoms, having a carbon atom which is the point of attachment, having zero, one or two carbon atoms replaced by N, and having attachment at two adjacent carbon ring members to a four membered hydrocarbon moiety to form a fused six membered aromatic ring, which moiety has zero, one or two carbon atoms replaced by N, the fused rings optionally mono-, di- or tri-substituted with R_p;
- f) a monocyclic aromatic hydrocarbon group having five ring carbon atoms, having a carbon atom which is the point of attachment, having one carbon atom replaced by >O, >S, >NH or >N(C₁₋₄alkyl), having up to one additional carbon atom optionally replaced by N, and optionally mono- or di-substituted with R_p;
- g) a monocyclic aromatic hydrocarbon group having five ring carbon atoms, having a carbon atom which is the point of attachment, having one carbon atom replaced by >O, >S, >NH or >N(C₁₋₄alkyl), and having attachment at two adjacent carbon ring members to a four membered hydrocarbon moiety to form a fused six membered aromatic ring, which moiety has zero, one or two carbon atoms replaced by N, the fused rings optionally mono-, di- or tri-substituted with R_p;
- h) a 4-7 membered aliphatic or heterocyclic ring said heterocyclic ring having a carbon atom which is the point of attachment, having 0 or 1 heteroatom members selected from O, S, -N=, >NH or >NR_p, having 0, 1 or 2 unsaturated bonds, having 0, 1 or 2 carbon members which is a carbonyl and having 0, 1 or 2 substituents R_p,
- i) a benzo fused 4-7 membered aliphatic or heterocyclic ring said heterocyclic ring having a carbon atom which is the point of attachment, having 0 or 1 additional heteroatom members selected

from O, S, -N=, >NH or >NR_p, having 0 or 1 additional unsaturated bonds, having 0, 1 or 2 carbon members which is a carbonyl, having 0, 1, 2, or 3 halo substituents on the benzene ring only and having 0, 1 or 2 substituents R_p,

and enantiomers, diastereomers and pharmaceutically acceptable salts, esters or amides thereof.

50. (withdrawn) A compound of claim 1 isotopically-labelled to be detectable by PET or SPECT.

51. (withdrawn) A method for studying cancer comprising the step of using an ¹⁸F-labeled or ¹¹C-labelled compound of claim 1 as a positron emission tomography (PET) molecular probe.